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FACSIMILE SUBMISSION UNDER 37 CFR 1.8

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TO:	Examiner Brian J. Sines	FROM:	H. Sanders Gwin, Jr.
COMPANY:	U.S. Patent & Trademark Office	DATE:	AUGUST 23, 2005
FAX NUMBER:	571-273-8300	TOTAL NO. OF PAGES INCLUDING COVER:	11
PHONE NUMBER:	571-272-1263	SENDER'S REFERENCE NUMBER:	55578US002 (1004-131US01)
RE:	Amendment	APPLICATION SERIAL NUMBER:	10/028,257

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AUG 23 2005

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Larry J. Carson; Joel R. Confirmation No. 2327  
Dufresne; Patrick R.  
Fleming; Michael C. Lea;  
Nicholas A. Lee; John  
Shigeura

Serial No.: 10/028,257

Filed: December 19, 2001 Customer No.: 32692

Examiner: Brian J. Sines

Group Art Unit: 1743

Docket No.: 55578US002  
(1004-131US01)

Title: ANALYTICAL DEVICE WITH LIGHTGUIDE ILLUMINATION OF  
CAPILLARY AND MICROGROOVES ARRAYS

CERTIFICATE UNDER 37 CFR 1.8 I hereby certify that this correspondence is being transmitted via facsimile to the United States Patent and Trademark Office on August 23, 2005.

By: Beth M. Lindblom  
Name: Beth M. Lindblom

MAIL STOP AMENDMENT  
Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached correspondence relating to this application:

- ☒ Transmittal sheet containing Certificate of Mailing  
☒ Amendment (9 pgs.)  
☒ No additional fee is required

Please apply any charges not covered, or any credits, to Deposit Account No. 50-1778.

Date: August 23, 2005

By: [Signature]

SHUMAKER & SIEFFERT, P.A.  
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Name: H. Sanders Gwin, Jr.  
Reg. No.: 41,312

AUG 23 2005

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Larry J. Carson; Joel R. Dufresne; Patrick R. Fleming; Michael C. Lea; Nicholas A. Lee; John Shigeura	Confirmation No.	2327
Serial No.:	10/028,257		
Filed:	December 19, 2001	Customer No.:	32692
Examiner:	Brian J. Sines		
Group Art Unit:	1743		
Docket No.:	55578US002 (1004-131US01)		
Title:	ANALYTICAL DEVICE WITH LIGHTGUIDE ILLUMINATION OF CAPILLARY AND MICROGROOVES ARRAYS		

**AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed May 23, 2005, the period of response for which runs through August 23, 2005, please amend the application as follows.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.